#### SDD 09E06 Traffic Signal Standard Poly Bracket Mountings (Typical) for 13ft. or 15ft. **GENERAL NOTES** DRILL 1 %" HOLE AND PROVIDE GROMMET POLE CAP POLE CAP FOR CABLE ENTRANCE DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT SEE SIGNAL FACE SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES. MOUNTING DETAIL MOUNT WITH ONE 3/4" (BANDED) STAINLESS STEEL BAND ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1. AND ONE 3/8" BOLT (TYP.) FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIAL PROVISIONS TRAFFIC SIGNAL POLYCARBONATE MOUNTING BRACKETS SHALL BE USED. TRAFFIC SIGNAL FACES POLE CAP (TYPICAL) TRAFFIC SIGNAL FACES 3 VERTICAL (TYPICAL) LENGTH AND LOCATION OF TRAFFIC SIGNAL STANDARDS SHALL BE AS SHOWN ON THE PLANS. 5 VERTICAL (TYPICAL) OPTICALLY PROGRAMMED SIGNAL FACES SHALL BE MASKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, AND UNDER THE DIRECTIONS OF THE REGION TRAFFIC ENGINEER FOLDING STOP SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD AND/OR THE LATEST WISCONSIN SUPPLEMENT. THE SIGNS SHALL BE SIZED AND LOCATED AS CALLED FOR IN IN THE PLANS. PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS. TRAFFIC SIGNAL FACES FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH - TRAFFIC SIGNAL FACES ONE (1) 1/4" X 3/4" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT. 3 VERTICAL (TYPICAL) TRAFFIC SIGNAL STANDARD, 15 FT. MOUNT WITH TWO 3/4 PINNACLE CAP STAINLESS STEEL BANDS TYPICAL - PEDESTRIAN RUBBEE SIGNAL FACES TYPICAL TYPICAL PINNACI F PEDESTRIAN PEDESTRIAN ONLY SIGNAL FACES SIGNAL FACES MOUNTING TRAFFIC SIGNAL TRAFFIC SIGNAL BRACKET STANDARD, 13 FT. **TYPICAL SIGN** CONDUIT NIPPLE **MOUNTING BAND** LOCATION OF FOLDING LOCATION OF (TOP AND BOTTOM OF SIGN) STOP SIGN WHEN REQUIRED FOLDING STOP SIGN WHEN REQUIRED SIGNAL BODY **TYPICAL** PEDESTRIAN PEDESTRIAN PEDESTRIAN SIGN SIGN SIGN 8' - 0' SIGNAL FACE MOUNTING PEDESTRIAN PEDESTRIAN PEDESTRIAN LOCK NUT PUSH BUTTON PUSH BUTTON **PUSH BUTTON SIGNAL FACE MOUNTING DETAIL** 3' - 6" 3' - 6" (BANDED) 3' - 6" SIDEWALK, OR IF SDD NONE, PAVEMENT PEDESTAL PEDESTAL PEDESTAL CENTERLINE GRADE **TRAFFIC SIGNAL STANDARD** BASE BASE BASE **POLY BRACKET MOUNTINGS** (TYPICAL) 13 FT. OR 15 FT. 09E06 3' - 0" MINIMUM 9 STATE OF WISCONSIN 0 DEPARTMENT OF TRANSPORTATION **TRAFFIC SIGNAL TRAFFIC SIGNAL TRAFFIC SIGNAL TANDARD - 15 FT. 3M MOUNTING (TYPICAL) STANDARD - 15 FT. STANDARD - 13 FT.** APPROVED 2/28/2013 DATE /S/ Ahmet Demirbilel 0 STATE ELECTRICAL ENGINEER

# Traffic Signal Standard Poly Bracket Mountings (Typical) 13 ft. or 15 ft.

#### References:

FDM15-5 Attachment 30.5 and 30.6 for conventional symbols

Standard Spec 657 Poles, Arms, Standards, and Bases

Standard Spec 658 Traffic Signals

TSDM 5-1-6 Determining Electrical Cable Quantities

TEOpS X-X-X Cable and Wire Measurement Lengths

## Bid items associated with this drawing:

ITEM NUMBER	DESCRIPTION	<u>UNIT</u>
657.0100	Concrete Bases Type 1	EACH
655.0200 - 0299	Cable Traffic Signal (# of Conductors) (AWG)	LF
657.0100	Pedestal Bases	EACH
657.0400 - 0499	Traffic Signal Standards Aluminum (length)	EACH
658.0100 - 0199	Traffic Signal Face (section) (size)	
658.0400 - 0499	Pedestrian Signal Face (inch)	
658.0500	Pedestrian Push Buttons	EACH
658.1100 - 1199	Programmable Traffic Signal Face (sections) (size)	EACH
658.5070	Signal Mounting Hardware (location)	

### Standardized Special Provisions associated with this drawing:

STSP NUMBER TITLE

659.XXXX.S Lamp, Ballast, LED, Switch Disposal by Vendor 659.XXXX.S Lamp, Ballast, LED, Switch Disposal by Department

### Other SDDs associated with this drawing:

SDD 9C2 Concrete Bases Types 1, 2, 5 and 6

SDD 9C3 Transformer/Pedestal Bases

SDD 9E1 Pole Mountings sheet "g".

### **Design Notes:**

NONE

### **Contact Person:**

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